



UNITED STATES ARMY
SPACE AND MISSILE
DEFENSE COMMAND

SMDC-CS
Space & Missile Defense Command
Colorado Springs

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Summary

- Army Service Component Command to U.S. Strategic Command – conduct space operations and provide planning, integration, control, and coordination of Army space forces and capabilities.
- Proponent for space and ground-based midcourse defense.
- Army operational integrator for global missile defense.
- Conduct mission related research, development and A in support of Title 10 responsibilities.
- Focal point for desired characteristics and capabilities in support of STRATCOM mission.

As the operational arm of U.S. Army Space and Missile Defense Command /Army Forces Strategic Command (SMDC/ARSTRAT), the Colorado team integrates space-based capabilities with the operational forces.

Colorado is the operational arm of the command. It provides command and control to the 1st Space Brigade and the 100th Missile Defense Brigade (Ground-based Midcourse Defense). It also provides oversight to the Army Astronaut Detachment.

Secure the High Ground

Space Operations

1st Space Brigade provide existing and emerging space capabilities that enable the National Command Authority, U.S. forces, and our allies to deliver decisive combat power.

1st Satellite Control (SATCON) Battalion: Operates and manages the Defense Satellite Communications System (DSCS) Ground Stations. This system spans the globe to provide Super-High-Frequency communications to all U.S. warfighting forces – anywhere, anytime.

Management, planning, and control of the payloads of the DSCS satellites are the battalion's mission and the largest part of SMDC/ARSTRAT's operations. The battalion operates and maintains five companies that operate DSCS control facilities located around the world. At Schriever Air Force Base in Colorado Springs, the DSCS Certification Facility (DCF) forms the Headquarters Company for the battalion.

The 1st SATCON Battalion controls the satellite links for tactical and strategic warfighter communications networks. The companies also provide payload control to the satellite as well as technical and troubleshooting assistance required to ensure maximum support to the user. In addition, the DCF provides platform control, monitoring the health and welfare of the payloads for selected satellites in the DSCS constellation.

1st Space Battalion: The battalion's support of the Army, joint, and coalition warfighter spans the globe.

- The Army Space Support Company (ARSSC) fields Army Space Support Teams (ARSST) to provide capabilities, expertise, and products in support of the warfighter as he plans and executes the full spectrum of today's military missions in both exercises and operations. The battalion fields five teams, each aligned with a corps or the Special Operations community. The teams have supported every contingency operation since OPERATION DESERT STORM. ARSST Soldiers are capable both of sustaining equipment operations and of training Soldiers to be operators.
- The Theater Missile Warning Company fields and supports the operation of Joint Tactical Ground Stations that provide early warning of missile launches to our deployed forces wherever the threat of ballistic missiles exists. The JTACS systems provide direct downlinked, in-theater, early warning of missile launches. The five existing JTACS systems are operated by joint Army/Navy crews and are a part of US STRATCOM's Tactical Event System (TES).

The design, development, and fielding of the JTACS systems is a classic example of the Army's capability to fast track vital equipment procurement to support Soldiers with the best equipment for mission accomplishment.

193rd Space Battalion: This Colorado Army National Guard battalion was stood up in 2001. The battalion has fully trained and certified Army Space Support Teams and Space Operations officers. They provide space-based support to designated ground forces commanders in support of Army operations. Additionally, they provide needed assets to increase space support to the Army and to unified commands around the globe.

Missile Defense

Working through STRATCOM, the Ballistic Missile Defense Organization Joint Project Office, and the Army National Guard, SMDC/ARSTRAT is the operator representative developing a system of defense for the homeland from a proliferating missile threat. As the eventual user and operator of the ground-based portion of the terminal missile defense system, SMDC/ARSTRAT is playing a key role in planning and designing the requirements, concept of operations, and support required for such a system.

The 100th MDB (GMD) was activated Oct. 16, 2003, in Colorado Springs, Colo. The brigade operates the first part of the integrated Ballistic Missile Defense System, which, in concert with sister services, is designed to protect the nation from accidental or intentional limited ballistic missile attacks. It is manned largely by Colorado National Guard soldiers, with a small contingent of Active Component soldiers.

- The Missile Defense Space Battalion was activated Jan. 22, 2004, at Fort Greely, Alaska. It will provide security and operational control over ground-based interceptors located in Alaska. It is manned entirely by Alaska National Guard Soldiers. The brigade and battalion report operationally to SMDC, and, for personnel issues, to their respective state Guard channels.

Army Astronauts

The Army Astronaut Detachment participates in the exploration and development of space at the NASA Johnson Space Center in Houston, Texas. The detachment supports NASA's space shuttle and International Space Station programs. The detachment includes seven mission-specialist astronauts as well as three other Space Operations officers and additional detachment personnel. These men and women provide NASA with experienced space shuttle and space station crewmembers and provide engineering expertise for human interface with space systems. They also have played key roles in the construction and operation of the International Space Station. When not assigned to a specific space mission, astronauts work in ground jobs supporting other missions and maintain their proficiency in flying and operating space systems.



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